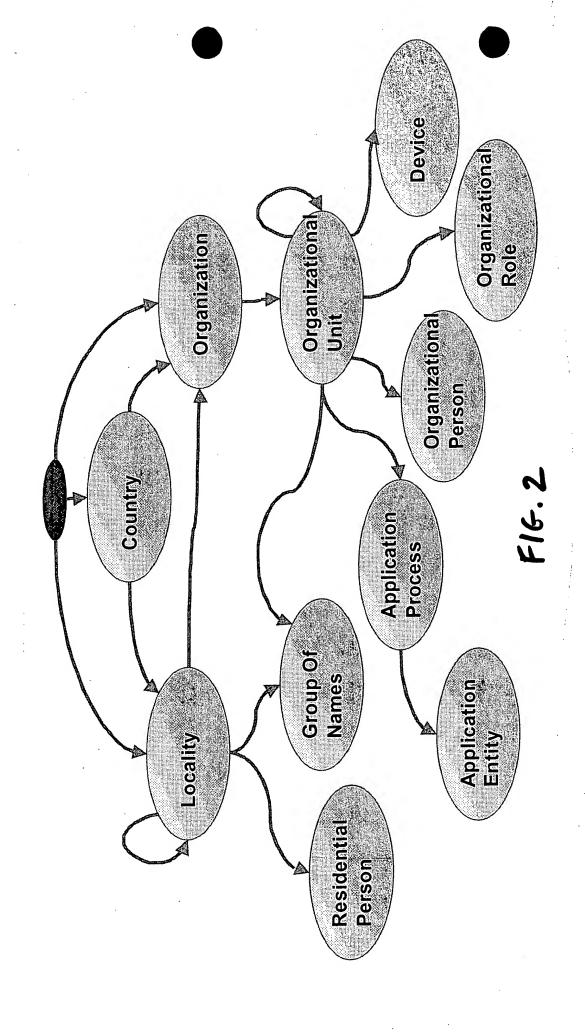
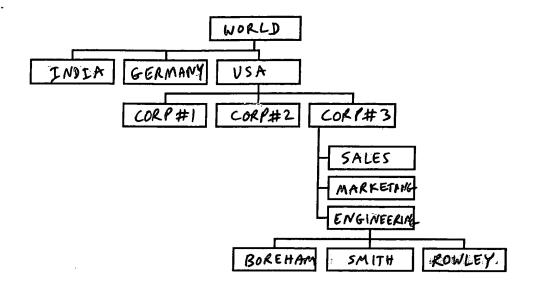


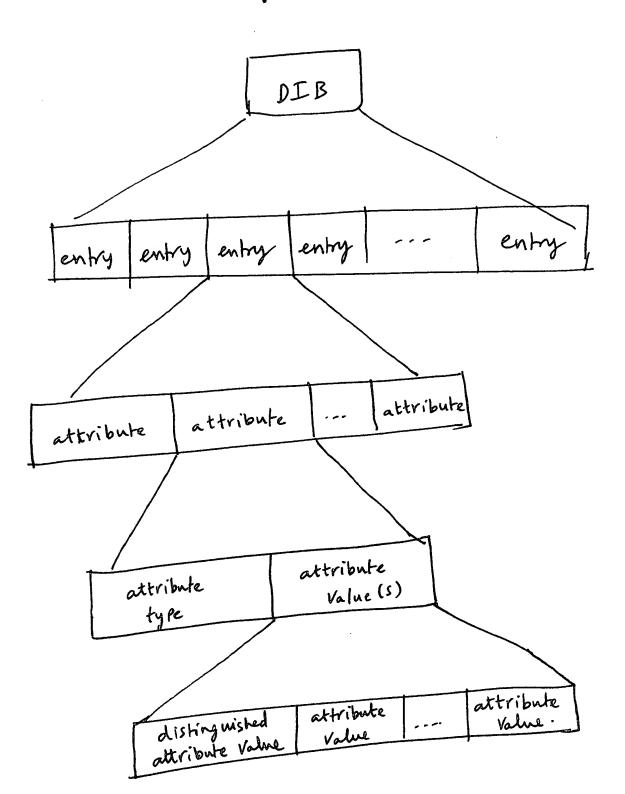
16

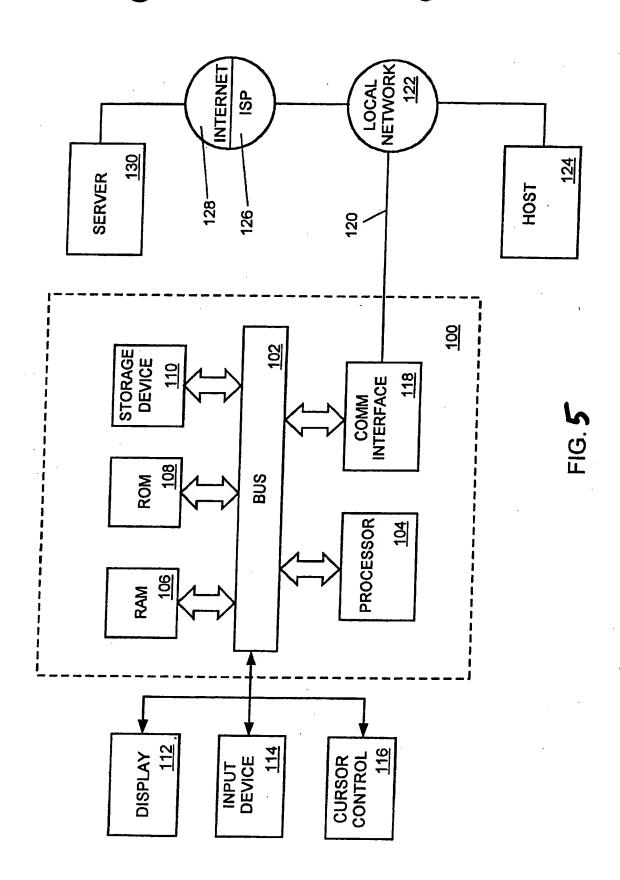


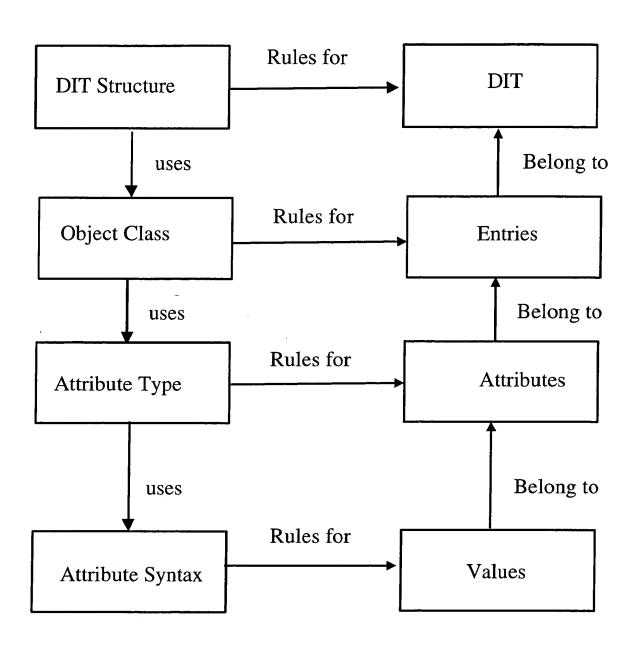


F16.3

F16.4







dn: cn=managerrole, dc=dom, dc=ain

objectclass: top

objectclass: LDAPsubentry

objectclass: nsRole

objectclass: nsSimpleRole

objectclass: nsManagedRole

cn: managgerrole

description: Manager Role within the Company

dn: uid=pointyhair, ou=people, dc=dom, dc=ain

objectclass: top

objectclass: person

objectclass: inetorgperson

uid: pointyhair

gn: pointy

sn: hair

nsRoleDN: cn=managerrole, dc=dom, dc=ain

description: Pointy Haired Manager

FIG- 8

dn: cn= building12people, dc=dom, dc=ain

objectclass: top

objectclass: LDAPsubentry

objectclass: nsRole

objectclass: nsComplexRole

objectclass: nsFilteredRole

cn: building12people

nsRoleFilter: building=12

description: People who work in building 12

dn: cn=megamanagerrole, dc=dom, dc=ain

objectclass: top

objectclass: LDAPsubentry

objectclass: nsRole

objectclass: nsComplexRole

objectclass: nsNestedRole

cn: megamanaggerrole

nsRoleDN: cn=managerrole, dc=dom, dc=ain

nsRoleDN: cn=networkmanager, dc=dom, dc=ain

description: Super Manager Role within the

Company

dn: cn=peonrole, dc=dom, dc=ain

objectclass: top

objectclass: LDAPsubentry

objectclass: nsRole

objectclass: nsComplexRole

objectclass: nsEnumeratedRole

objectclass: groupofuniquenames

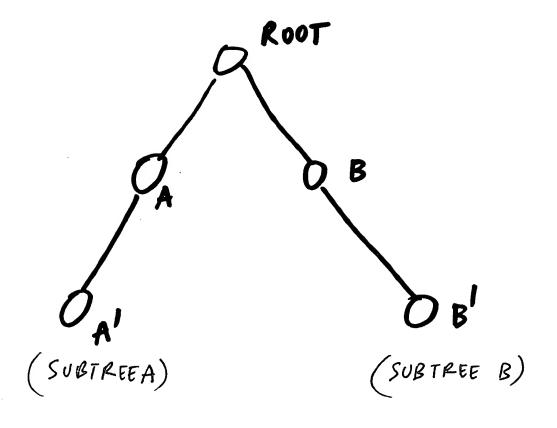
cn: peonrole

groupmember: uid=dboreham, ou=people, dc=dom, dc=ain

groupmember: uid=merrells, ou=people, dc=dom, dc=ain

groupmember: uid=claire, ou=people, dc=dom, dc=ain

description: Lowest of the Low Roles within the Company



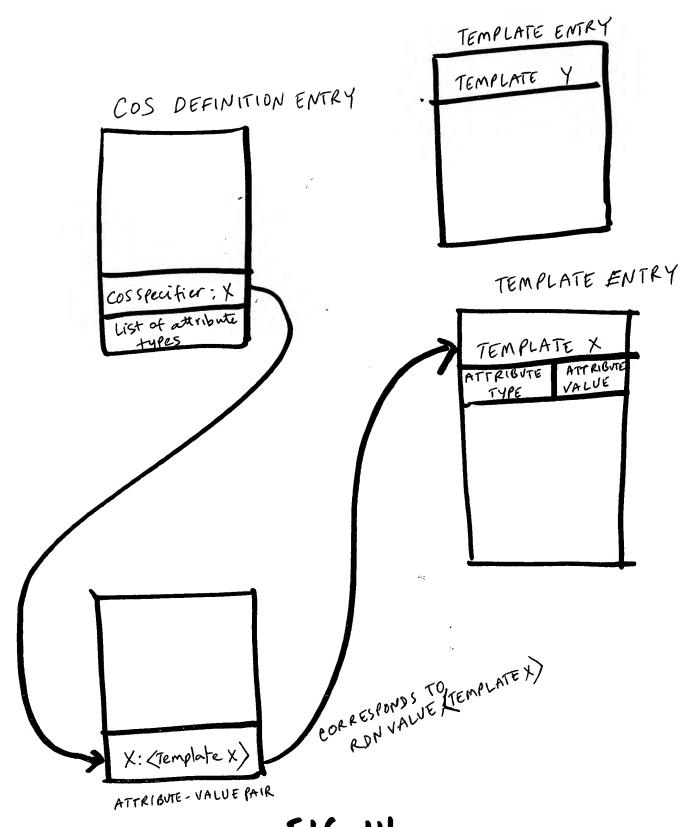
F16.12

For each entry within scope, the computed attribute nsRole is calculated

The computed attribute nsRole is examined to see if the role is present.

This results in a list of entries that possess the role.

The list is thereafter returned to a client.



F16.14

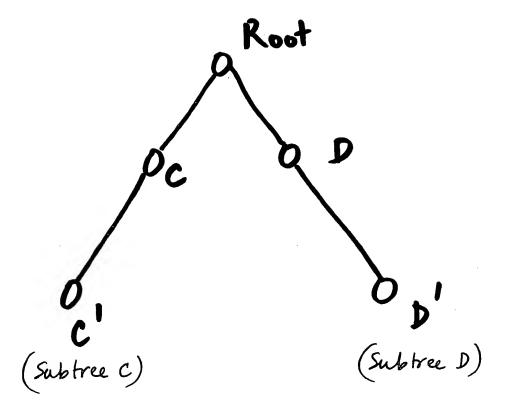
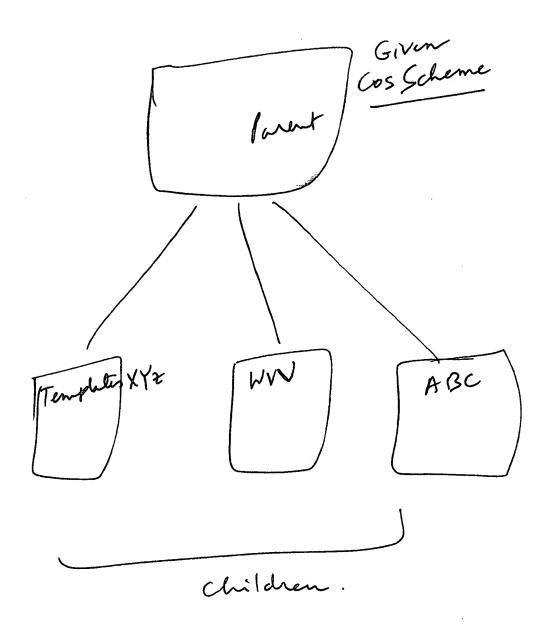
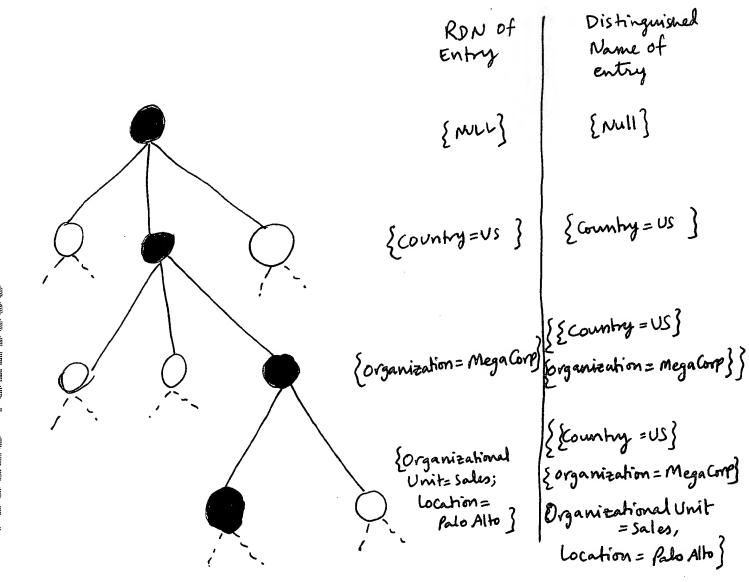


FIG. 15



F16.16



F1617

Dn:cn=messaging_server_cos, ou=people, o=acme

objectclass: top

objectclass: LDAPSubentry

objectclass: cosSuperDefinition

objectclass: cosClassicDefinition

cosTemplate

Dn: cn=MailServerCOS, cn=LocalConfig, o=NetscapeRoot

cosSpecifier: mailServiceClass

cosAttribute: mailboxquota

cosAttribute: maysendexternalmail

dn: cn=user, cn=MailServerCOS, cn=LocalConfig, o=NetscapeRoot

objectclass: top

objectclass: mailserveruser

objectclass: cosTemplate

mailboxquota: 10000000

maysendexternalmail: TRUE

dn: cn=guest, cn=MailServerCOS, cn=LocalConfig, o=NetscapeRoot

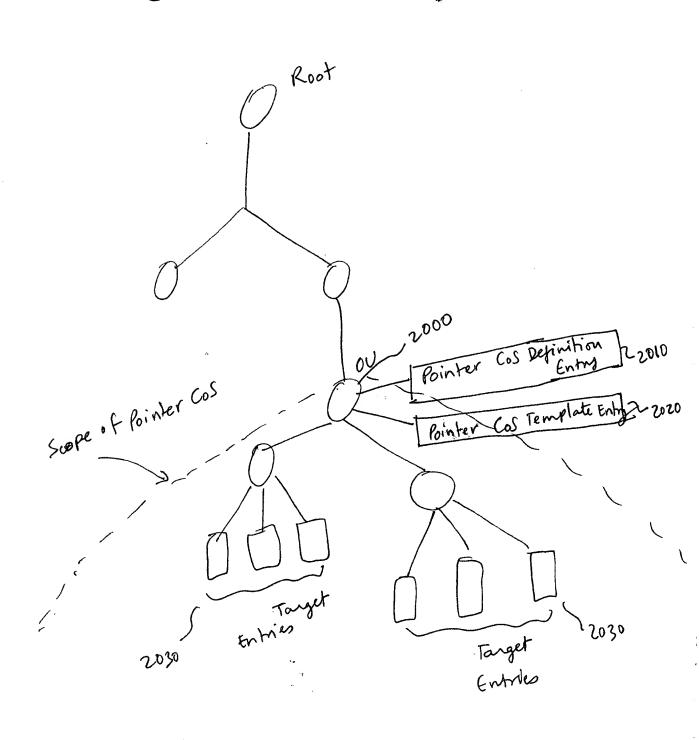
objectclass: top

objectclass: mailserveruser

objectclass: cosTemplate

mailboxquota: 1000000

maysendexternalmail: FALSE



F16.20

F16.21

dn: cn=messaging_server_cos, ou=people, o=acme

objectclass: top

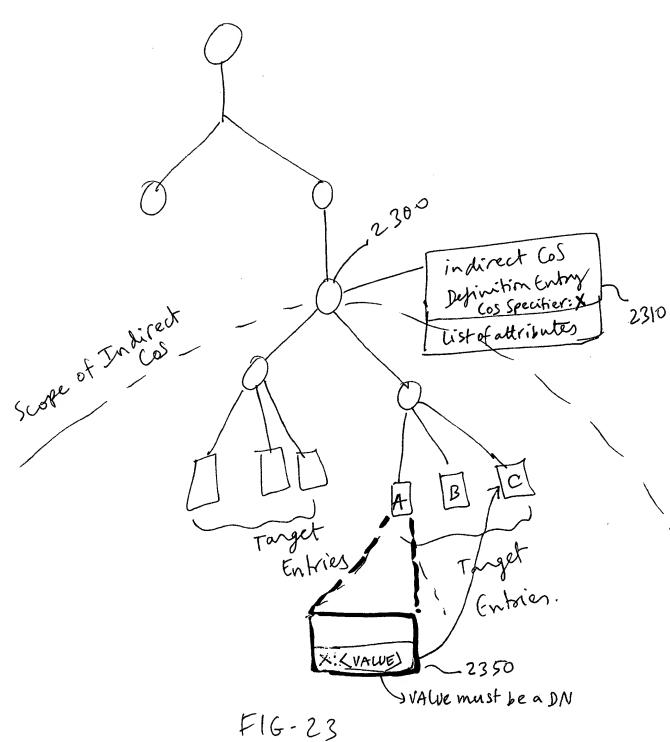
objectclass: LDAPSubentry

objectclass: cosSuperDefinition

objectclass: cosPointerDefinition

cosTemplateDn: ou=people, o=acme

cosAttribute: facsimilieTelephoneNumber default



dn: cn=messaging_server_cos, ou=people, o=acme

objectclass: top

objectclass: LDAPSubentry

objectclass: cosSuperDefinition

objectclass: cosIndirectDefinition

cosIndirectSpecifier: manager

cosAttribute: accountingCode

F1G-24